

Abstract

A Display

5 The present invention relates to display, in particular to
a liquid crystal display illuminated by ambient light. The
display has a display area, and a light guide system for
providing light to the display area, the light guide
system comprising: a planar light guiding layer comprised
10 of liquid crystal material and having a light emitting
surface and a plurality of side faces disposed around the
light emitting surface; a plurality of light pipes, each
light pipe having a collector end for collecting ambient
light and an output end, the output ends being arranged
15 along the side faces of the light guiding layer so as to
introduce the collected light into the guiding medium. The
output ends of the light pipes are distributed evenly
along each side face of the light guiding layer so as to
provide homogeneous illumination to the display area.

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Figure 2